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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/815,264	
	Filing Date	March 31, 2004	
	First Named Inventor	Narayan SUNDARARAJAN	
	Art Unit	1634	
	Examiner Name	S. Bausch	
Total Number of Pages in This Submission	7	Attorney Docket Number	070702009000

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Statement Pursuant to 37 CFR 1.821(f) Sequence Listing (paper copy) Sequence Listing (Computer Readable Form)
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Jonathan Bockman		
Date	January 3, 2007	Reg. No.	45,640



Docket No.: 070702009000  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Narayanan SUNDARARAJAN et al.

Application No.: 10/815,264

Confirmation No.: 7476

Filed: March 31, 2004

Art Unit: 1634

For: MICROFLUIDIC APPARATUS, SYSTEMS,  
AND METHODS FOR PERFORMING  
MOLECULAR REACTIONS

Examiner: S. L. Bausch

**SECOND PRELIMINARY AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the PTO communication concerning this application dated December 5, 2006, and prior to examination on the merits, Applicants respectfully request entry of this second Preliminary Amendment for the above-captioned patent application.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin page 3 of this paper.